

## PERSONAL INFORMATION **Tania GUILLÉN BOLAÑOS**

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 [de.linkedin.com/in/taniaguillen/](https://www.linkedin.com/in/taniaguillen/) ORCID: <https://orcid.org/0000-0003-4601-7783>

**Nationality** Nicaraguan, German

**POSITION** Doctoral researcher at Climate Service Center Germany (GERICS)

## WORK EXPERIENCE

01-2019 – Present

### Doctoral researcher

Climate Service Center Germany (GERICS) – Helmholtz-Zentrum Hereon  
Fischertwiete 1, 20095 Hamburg (Germany)  
<http://www.gerics.de/>

- Doctoral thesis on evaluation of adaptation to climate change
- GERICS representative to UNFCCC, NAP Technical Group
- Contributing author and reviewer of IPCC's WGI and WGII reports
- Technical support on adaptation planning, monitoring and evaluation
- Guest Co-Editor for Climatic Change

**Business or sector** Professional, scientific and technical activities

04/2017 – 12/2018

### Research associate

Climate Service Center (GERICS) – Helmholtz-Zentrum Geesthacht (HZG)  
Fischertwiete 1, 20095 Hamburg (Germany)  
<http://www.gerics.de/>

- Support preparation of the Special Report on the 1.5°C global warming of the IPCC as chapter 3's chapter scientist and contributing author

**Business or sector** Professional, scientific and technical activities

03/2016–03/2017

### Research fellow of the Alexander von Humboldt Foundation

Climate Service Center (GERICS) – Helmholtz-Zentrum Geesthacht (HZG)  
Fischertwiete 1, 20095 Hamburg (Germany)  
<http://www.gerics.de/>

- Development of tools for climate change adaptation planning.

**Business or sector** Professional, scientific and technical activities

01/2016 – Present

### Co-facilitator of adaptation

Latin American and Caribbean Group on Climate Finance (GFLAC)  
[www.gflac.org](http://www.gflac.org)

- Member of the technical staff and co-facilitator on regards with adaptation (ad honorem)
- Support on the development of technical submissions to the UNFCCC and of methodological guidance and instruments related to climate finance, INDCs, among others

**Business or sector** Activities of extraterritorial organisations and bodies

04/2014–12/2015

### Regional facilitator for Latin America of the Southern Voices on Adaptation Programme

Centro Alexander von Humboldt, Managua (Nicaragua)  
[www.humboldt.org.ni](http://www.humboldt.org.ni)

- Coordination and monitoring of the implementation of the Southern Voices program activities in Latin America.
- Monitoring the development of the Joint Principles for Adaptation initiative in Latin America.
- International delegate of the SUSWATCH network in the international negotiations on climate change (especially under the UNFCCC), and to different networks such as Construyendo Puentes, Foro Centroamérica Vulnerable and Climate Action Network International (CAN).
- Coordinator of the Climate Action Network Latin America (CAN-LA).
- Observer of the Scaling Up Renewable Energy in Low Income Countries Program (SREP) of the Climate Investment Funds (CIF).
- Reporting and analysis of the international climate negotiations.

**Business or sector** Activities of extraterritorial organisations and bodies

11/2013–03/2014

### Consultant

Center for Natural Resources and Development (CNRD)  
Betzdorfer Str. 2, 50679 Cologne (Germany)  
[www.cnr.info](http://www.cnr.info)

- Development of two case studies related to Ecosystem-based Disasters Reduction.

**Business or sector** Professional, scientific and technical activities

10/2007–01/2011

### Environmental technician

AMICTLAN  
Catarina, Masaya (Nicaragua)

- Coordination and technical guidance for the formulation of environmental plans of five municipalities
- Formulation and monitoring of wastewater management system projects of three municipalities
- Technical team for the preparation of the Nicaraguan Technical Standard for Environmental Control of Crater Lakes; and of the Management Plan of the Natural Reserve Laguna de Apoyo

**Business or sector** Activities of extraterritorial organisations and bodies

02/2007–05/2011

### Consultant

Rainforest Alliance Inc.  
Ciudad de Guatemala (Guatemala)  
[www.rainforest-alliance.org](http://www.rainforest-alliance.org)

- Diagnosis on sustainable tourism.
- Good practices implementation plans on sustainable tourism.

**Business or sector** Activities of extraterritorial organisations and bodies

## EDUCATION AND TRAINING

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11/2019 – to present

### PhD student

Universität Hamburg – Faculty of Mathematics, Informatics and Natural Sciences (MIN)  
Bundesstr. 55, 20146 Hamburg (Germany)  
<http://www.geo.uni-hamburg.de/>

- Doctoral thesis on evaluation of adaptation to climate change

06/2011–10/2013

**M.Sc. in Technology and Natural Resources Management in the Tropics and Subtropics**

Cologne University of Applied Sciences - Institute for Technology and Resources Management in the Tropics and Subtropics (ITT)

Betzdorfer Straße 2, 50679 Cologne (Germany)

<http://www.tt.th-koeln.de/>

- Environmental and Land Management Specialization (focused on Climate Change Adaptation)

02/2002–12/2006

**Environmental Quality Engineer**

Universidad Centroamericana, Managua (Nicaragua)

<https://www.uca.edu.ni/>

- Impact Assessment. Environmental Legislation. Water, soil and air pollution. Renewable energies. Environmental Management. Environmental audit.

**PUBLICATIONS**

- Hoegh-Guldberg, O., Jacob, D., Taylor, M., **Guillén Bolaños, T.**, Bindi, M., Brown, S., et al. (2019). The human imperative of stabilizing global climate change at 1.5°C. *Science* (80- ). 365. doi:10.1126/science.aaw6974.
- **Guillén Bolaños T.**, Máñez Costa M., Nehren U. (2018) Development of a Prioritization Tool for Climate Change Adaptation Measures in the Forestry Sector—A Nicaraguan Case Study. In: Quiroga S. (eds) *Economic Tools and Methods for the Analysis of Global Change Impacts on Agriculture and Food Security*. Springer, Cham
- IPCC, 2018: Summary for Policymakers. In: *Global warming of 1.5°C. An IPCC Special Report on the impacts of global warming of 1.5°C above pre-industrial levels and related global greenhouse gas emission pathways, in the context of strengthening the global response to the threat of climate change, sustainable development, and efforts to eradicate poverty* [V. Masson-Delmotte, P. Zhai, H. O. Pörtner, D. Roberts, J. Skea, P. R. Shukla, A. Pirani, W. Moufouma-Okia, C. Péan, R. Pidcock, S. Connors, J. B. R. Matthews, Y. Chen, X. Zhou, M. I. Gomis, E. Lonnoy, T. Maycock, M. Tignor, T. Waterfield (eds.)]. World Meteorological Organization, Geneva, Switzerland, 32 pp. **Drafting Author**
- O.Hoegh-Guldberg, D.Jacob, M.Taylor, M.Bindi, S.Brown, I.Camilloni, A.Diedhiou, R.Djalante, K.Ebi, F. Engelbrecht, J.Guiot, Y. Hijoka, S. Mehrotra, A. Payne, S. I. Seneviratne, A. Thomas, R. Warren, G. Zhou, 2018, Impacts of 1.5°C Global Warming on Natural and Human Systems. In: *Global Warming of 1.5°C. An IPCC Special Report on the Impacts of Global Warming of 1.5°C above Pre-Industrial Levels and Related Global Greenhouse Gas Emission Pathways, in the Context of Strengthening the Global Response to the Threat of Climate Change, Sustainable Development, and Efforts to Eradicate Poverty* [V. Masson-Delmotte, P. Zhai, H. O. Pörtner, D. Roberts, J. Skea, P.R. Shukla, A. Pirani, W. Moufouma-Okia, C. Péan, R. Pidcock, S. Connors, J. B. R. Matthews, Y. Chen, X. Zhou, M. I. Gomis, E. Lonnoy, T. Maycock, M. Tignor, T. Waterfield (eds.)]. In Press. **Chapter Scientist**
- S. Guzmán, A. Moncada, N. Canales, M. Castillo, and **T. Guillén**. Toward Climate Finance Reporting Systems in Latin America (2017) in *Toward Implementation: The 2017 AdaptationWatch Report*. Eds. K. Adams and D. Falzon. White Paper. AdaptationWatch. Available at: <http://ow.ly/S3Be30gWJ9S>
- E. Viktor, S. Ehlert, A. Haensler, **T. Guillén Bolaños**, T. Blome, and M. Máñez Costa (2017) ‘The 5th International Conference on Climate Services (ICCS5) – “Innovation in Climate Services and Capacity Building”’, *Climate Services*, 5, pp. 4–5. doi: 10.1016/j.cliser.2017.04.002. Available at: <https://doi.org/10.1016/j.cliser.2017.04.002>
- **T. Guillén Bolaños**, M. Máñez Costa, U. Nehren, (2016): Development of a prioritization tool for climate change adaptation measures in the forestry sector – A Nicaraguan case study. Report 28. Climate Service Center Germany, Hamburg. Available at: <http://www.climate-service-center.de/imperia/md/content/csc/report28.pdf>
- Nehren, U., K. Sudmeier-Rieux, S. Sandholz, M. Estrella, M. Lomarda, and **T. Guillén**, 2014: The ecosystem-based disaster risk reduction case study and exercise book. CNRD and UNEP. Available at: [https://www.researchgate.net/publication/270588316\\_The\\_ecosystem-based\\_disaster\\_risk\\_reduction\\_case\\_study\\_and\\_exercise\\_book](https://www.researchgate.net/publication/270588316_The_ecosystem-based_disaster_risk_reduction_case_study_and_exercise_book)

## PERSONAL SKILLS

Mother tongue(s) Spanish

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
TOEFL					
German	C2	B2	C1	C1	B1
DSH Deutsche Sprachprüfung für den Hochschulzugang					

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user  
[Common European Framework of Reference for Languages](#)

Honours and awards

International Climate Protection Fellow of the Alexander von Humboldt Foundation (2016-2017)  
 German Academic Exchange Service (DAAD) scholarship holder (2011-2013)  
 Climate Champion of the British Council (2010)  
 Agent of Change of the Friedrich Ebert Foundation (2010)